



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3493-1

Job Sheet 172915



Part No: D3493-1

Job Qty: 40 ea

Part Name: Washer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/22/18

Job Tracking No:

Due Date: 3/5/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG REV A IPP Rev: A New Issue 06-02-28 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	40 Ea	3/3/18	3/3/18	0.00	0.00	Start Up Machining-2		JB 18-03-19
100	Hardinge	40 pcs	3/5/18	3/5/18	0.00	3.20	Hardinge		JB 18-03-19
110	QC	40 pcs	3/5/18	3/5/18	0.00	0.00	QC2 Machining-2		JB 18-03-19
120	QC	40 pcs	3/5/18	3/5/18	0.00	0.00	QC8 Machining-2		JB 18-03-19
130	Packaging	40 pcs	3/5/18	3/5/18	0.00	0.00	Packaging3-1		JB 18-03-19
140	QC21-SA	40 Ea	3/5/18	3/5/18	0.00	0.00	QC21		JB 18-03-19

Part Op 100 - 1-Turn as per Folio FA626 & Dwg D3493
Descriptions:

DAS
21
9-00

MAR 20 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304R1.000	304 Round Bar 1.00	1.1640 ft (.0291 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304R1.000	1	71	0

Part Specifications

Specifications could not be found.

Plex 2/26/18 3:51 PM dart.logan.david



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S052854



Part: D3493-1

Job No: 172915

Serial No/Batch: S052854

Revision:

Inspector:

Date: 03/19/10

172915

☒ **First Article** ☐ **Prototype**

Measured by: J.B. / [Signature]	Audited by: [Signature]	Prototype Approval: N/A
Date: 18.03.19	Date: 18/03/20	Date: N/A

H:\FORMS\Quality Assurance\approved QA\FAI revD

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



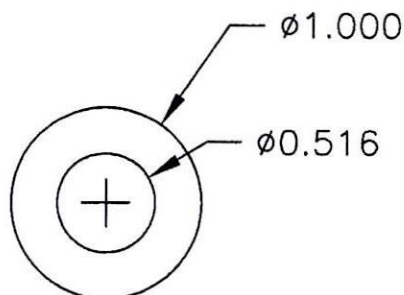
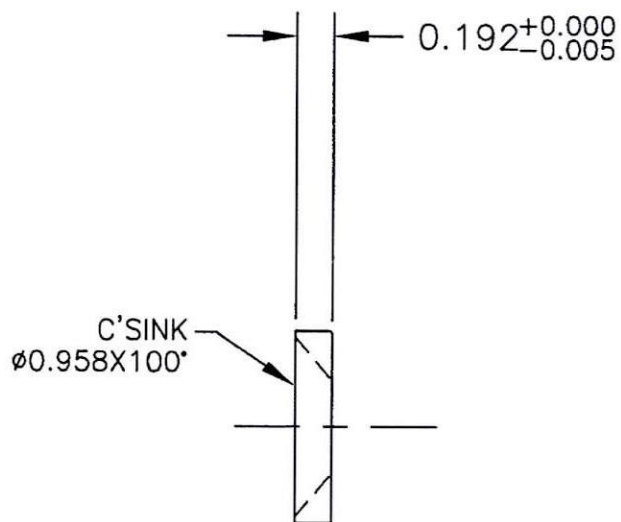
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : _____							

DART

DESIGN PH	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED PH	APPROVED PH	DRAWING NO. D3493	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE WASHER	SCALE 1:1
A	06.01.04	NEW ISSUE	



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 172915

20180222

72

D3493-1 WASHER

D3493-1 WASHER

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ϕ 1.000 ROUND BAR
(REF DART MATERIAL SPEC M304R1.000)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) BREAK SHARP EDGES 0.005 TO 0.010 MAX

RELEASED
06.02.07

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